24 March 1985

<u>CIRS Management Coordination Group</u>

STAT

● 1984 Accomplishments:

-- Quarterly CIRS milestone updates and semiannual review in April
   and October.

-- Assessment report on number of potential users of CIRS and probable
   workload on hosts and networks (Sep '84).

STAT

-- Development of functional description (A-Spec) for a [____] like common
   user interface (initial Dec '84, final Mar '85) based on reviews of
   industry, [_____]

STAT

-- Review and update of resource requirements; coordination of all other
   CIRS related efforts (Nov '84).

● 1985 Objectives:

-- Quarterly CIRS milestone updates and semiannual reviews (Apr & Oct)

-- Development of system specifications/transformations (B-Spec) for CUI
   on FTD system (initial Apr '85, final Sep '85).

-- Review of D-SAFE capabilities and plans; identification of tasks to be
   performed by D-SAFE in support of the CIRS plan (Aug-Oct '85).

-- Review and update of resource requirements; coordination of all other
   CIRS related efforts (Nov '85)

24 March 1985

CIRS SECURITY WORKING GROUP

● Tasked in mid-1983 to:

-- Review current and proposed security features of systems/networks involved in CIRS effort.

-- Develop a preliminary and final security plan which incorporates minimum security features each host/network must maintain in order to provide the services specified under the CIRS plan.

-- Identify by system/network what enhancements must be made by milestone date in order to process the "generally available data (i.e., broadly externally distributed)" as well as the more highly sensitive material (i.e., _____)

STAT

24 March 1985

CIRS SECURITY WORKING GROUP
(Continued)

● Accomplishments/Actions:

-- First draft of preliminary CIRS Security Plan (Jan '84) attempted to identify
   security features necessary to upgrade security of the hosts/networks through
   three separate security stages so that highly sensitive material could be processed
   under the CIRS effort by 1989.

-- Per IHC recommendation, revised the draft plan and concentrated on Stage I
   security as it applied to NSA, FTD, and SAFE-D hosts and included some security
   provisions for the COINS and DoDIIS/IDHSC networks; removed descriptions of proposed
   security enhancements for Stages II and III since there was uncertainty regarding
   their applicability (May '84).

-- IHC reviewed NSA's proposed revisions to the final draft of the Preliminary CIRS
   Security Plan and voted to proceed with the implementation of the CIRS effort
   without a security plan; instead to use MOUs or LOAs as the basis for assuring
   protection of information processed under CIRS Plan (Dec '84).

● Objective for 1985:

-- No planned activities; awaiting tasking and direction from IHC.

24 March 1985

CIRS COMMON CONCEPT CODE WORKING GROUP

● Tasked in late 1983 to:

-- Develop an Intelligence Community common subject coding scheme to be used by the intelligence analysts for assisting free text searches in text based CIRS retrieval systems.

-- Develop a preliminary draft of a standard set of codes by assessing the relationship and structure of various existing codes used by the agencies/systems identified in the CIRS plan.

-- Evaluate alternatives and recommend to the IHC the most feasible approach for the use of the standard codes (e.g., double coding of standard codes in addition to agency unique codes, translation tables, or Community's adoption of the standard code).

-- Use DCID 1/2 topics codes as a basis for trying to develop a CIRS common concept coding scheme.

● Conclusions of Working Group:

-- There will be a problem with text based retrieval systems in the future without some form of retrieval support mechanism such as codes or use of AI techniques.

-- While a draft set of common codes was developed based on an extension to DCID 1/2 topics, it was awkward to apply in tests (related to item #3 above) because of overlap of some codes, imbalance in relative importance of others, weakness in S&T coverage, and implementation problems related to the continuous changes made to DCID 1/2 topics codes.

-- To solve this problem, the IHC should consider:

- the development of a new coding scheme from scratch; or

- the use of some form of AI that has application to text based retrieval systems and to automated indexing appears to be the most feasible approach to solving this problem.

CIRS COMMON CONCEPT CODE WORKING GROUP
(CONTINUED)

● Working Group recommendation to IHC in 1985:

-- Postpone any further work on DCID 1/2 based coding scheme.

-- Revew AI technologies in this area in coordination with IHC's newly formed technology group.

-- Report back to the IHC by October 1985 with recommendations regarding the possible use of AI technology.

STAT

Page Denied